

Title (en)

ELEMENT OF BELT FOR CONTINUOUSLY VARIABLE TRANSMISSION AND BELT FOR CONTINUOUSLY VARIABLE TRANSMISSION

Title (de)

ELEMENT EINES RIEMENS FÜR STUFENLOSES GETRIEBE UND RIEMEN FÜR STUFENLOSES GETRIEBE

Title (fr)

ÉLÉMENT DE COURROIE POUR TRANSMISSION À VARIATION CONTINUE ET COURROIE POUR TRANSMISSION À VARIATION CONTINUE

Publication

EP 2243980 B1 20131016 (EN)

Application

EP 09710553 A 20090212

Priority

- JP 2009052264 W 20090212
- JP 2008035205 A 20080215

Abstract (en)

[origin: EP2243980A1] To provide a belt for a continuously variable transmission and an elements used in the belt. The elements 6 has a stopper portion 10b formed integrally with a neck portion 10a erected upwardly from the saddle face 9 to hold a width end portion of the ring 8. The elements 6 are juxtaposed annularly in a same orientation and fastened by rings 6 disposed on a saddle face 9 of the element thereby forming a belt for a continuously variable transmission. The element 6 is characterized in that : a recessed portion 14 is formed by depressing the saddle face 9 at a corner 13 between a side face of the neck portion 10a and the saddle face 9; and an inner face of the recessed portion 14 comprises a first inner face 14a extending smoothly into the side face 15 of the neck portion 10a and having a relatively larger curvature radius, and a second inner face 14b extending smoothly into the first inner face 14a and having a relatively smaller curvature radius.

IPC 8 full level

F16G 5/16 (2006.01)

CPC (source: EP US)

F16G 5/16 (2013.01 - EP US)

Citation (examination)

P.O'CONNOR, A.KLEYNER: "Practical reliability engineering", vol. 5, 2 January 2012, JOHN WILEY & SONS LTD, Chichester, West Sussex, UK, ISBN: 978-0-470-97981-5

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